Listing of Claims

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Currently Amended) ~~The~~ A method ~~according to claims 8 or 12~~ for treating water, sediment or soil containing pollutants by the step of contacting pollutant-containing

water, sediment, fractured rock or soil with a multi-functional sequestration agent comprising bauxite in it relatively natural form, wherein said bauxite is installed as a subsurface mineral ore barrier.

17. (Cancelled)

18. (Currently Amended) ~~The~~ A method for treating water, sediment or soil containing pollutants by the step of contacting pollutant-containing water, sediment, fractured rock or soil with a multi-functional sequestration agent comprising bauxite in its relatively natural form, wherein said bauxite is in a permeable barrier, and wherein said permeable barrier is installed in the path of groundwater flow.

19. (Currently Amended) ~~The~~ A method for treating water, sediment or soil containing pollutants by the step of contacting the pollutant-containing water, fractured rock or soil with a multi-functional sequestration agent comprising bauxite in its relatively natural form, wherein said water is groundwater.

20. (Cancelled)

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Cancelled)

27. (New) A method for removing or inactivating microorganisms in an emission or in the environment comprising contacting the microorganisms with a mineral selected from bauxite, cooper ores, and mixtures thereof, wherein if the mineral is bauxite it is installed as a subsurface mineral ore barrier.

28. (New) A method for removing or inactivating microorganisms in an emission or in the environment comprising contacting the microorganisms with a mineral selected from bauxite , copper ores, and mixtures thereof, wherein if bauxite is used it is in a permeable barrier, which is installed in the path of groundwater flow.

29. (New) A method for removing or inactivating microorganisms in an emission or in the environment in groundwater comprising contacting the microorganisms with a mineral selected from bauxite, copper ores, and mixtures thereof.